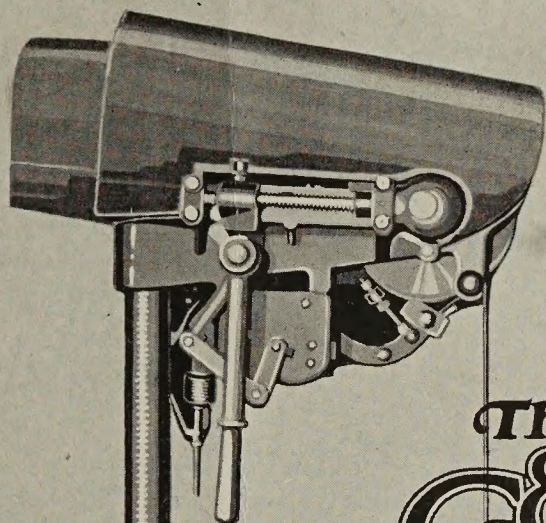


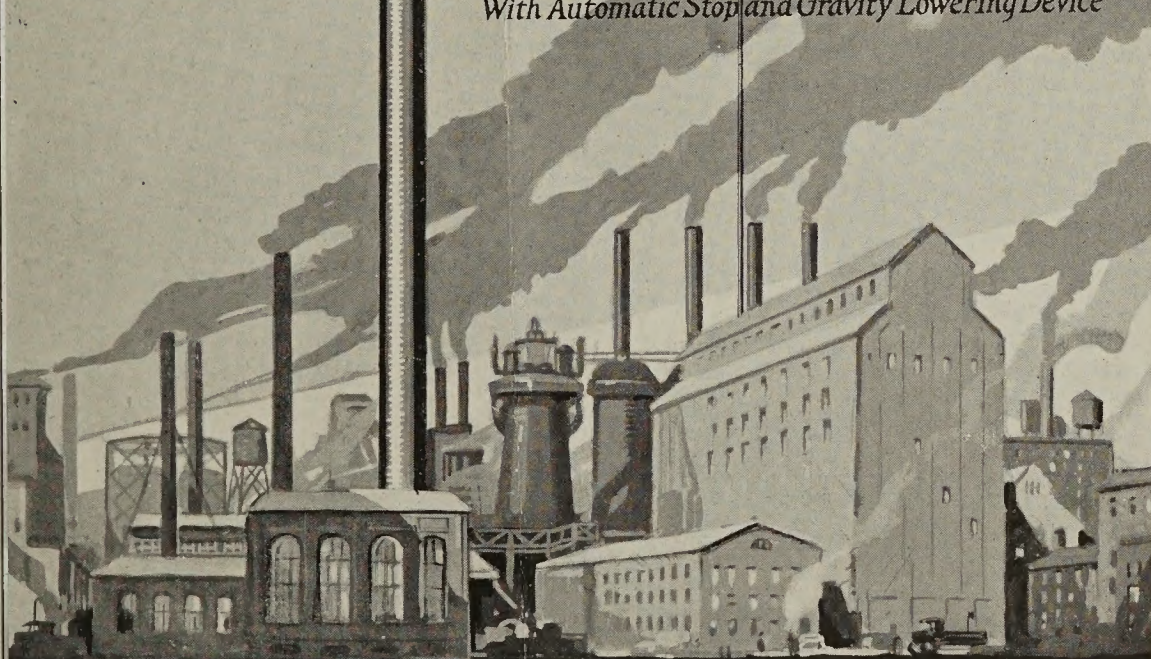
F.R. Reck, 308 E. 4th St  
Lia

# Industrial Plants Need this Hoist!



**Telescopic Hoist**

*With Automatic Stop and Gravity Lowering Device*



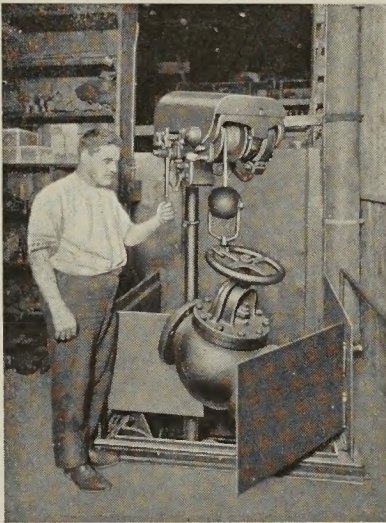
## The Man Saving Load Lifter





# THE HOIST

THE G & G HOIST is sturdy and dependable. It is designed for economical and efficient raising and lowering of light loads (approximately 500 lbs.) at industrial plants and for the removal of ashes and rubbish from all types of buildings.



Installation of Model E in a machine shop. Raises load electrically and lowers by gravity. If operator's hand is removed from the lever, load will come to instant stop.

A single handle controls lowering and raising operations and should the operator's hand be removed from the lever, the brake is *automatically applied* and the load comes to an *instant stop*.

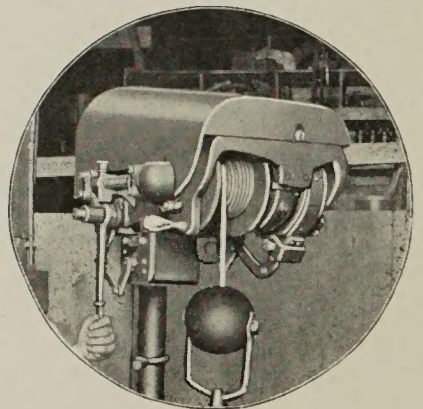
Steel cable used is "*non-rotating*" which eliminates the twisting and additional stress common to the ordinary type of cable. Cable drum is grooved and gears are machine cut throughout.

No part of Hoist has a *factor of safety* less than 8, based on the ultimate strength of the material when a load of 500 lbs. is raised.

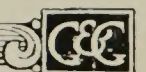
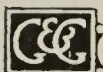
The illustration shows our Model E, electrically operated, telescopic Hoist specially adapted for use in industrial plants. This Hoist raises loads of 500 lbs to grade level at a speed of 60 feet per minute. That part of Hoist shown telescopes below grade level.

Model E Hoist is equipped with a  $1\frac{1}{2}$  h.p. motor, totally enclosed (series wound for direct current; squirrel cage for alternating current), and has graphite-filled oil-less bronze bearings.

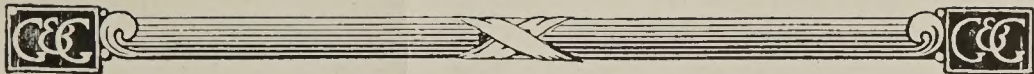
The Hoist is also equipped with an automatic upper limit and *lowers by gravity* — thus consuming only *half* the usual amount of current and permitting a very rapid lowering speed.



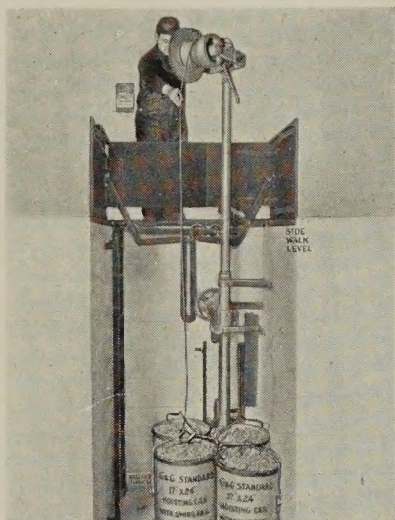
Close-up view of hoisting head of Model E Hoist, showing hand lever which controls raising and lowering operations of the Hoist.







## Why It Saves Labor



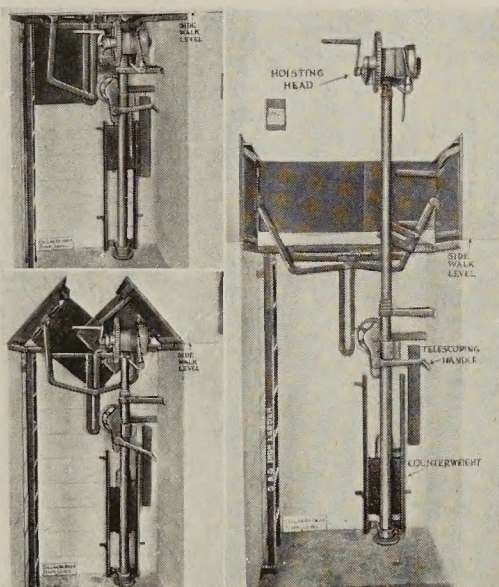
Showing how ONE MAN, unaided, can "hook" and raise filled G & G Swing Bail Cans without leaving grade.

THE G & G MODEL E HOIST not only provides a *safe* and *dependable* method of raising and lowering lighter loads at industrial plants but it is also a *great saver of labor*. A G & G Hoist will pay for itself—in a comparatively short time—in the money saved through its use.

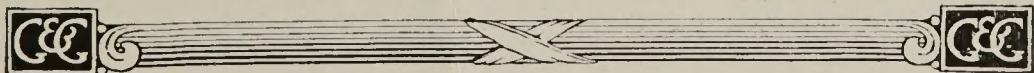
The Model E Hoist is so simple in construction and operation that the average laborer can readily understand and operate it. It is practically "fool-proof." Its automatic upper limit feature guards against raising the load too high. Should the operator's attention be distracted and his hand removed from lever, brake is automatically applied and load comes to an instant stop.

It is suggested that G & G patent swing bail cans be used as containers wherever possible. They are especially constructed for heavy duty and the operation of this model is, by these cans, made a one-man job (see illustration above).

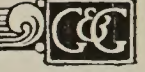
Owing to the small area necessary for the hoistway (preferably 4 ft. square, though this may be reduced or enlarged to meet special conditions) the G & G Hoist can be located at strategic points in an industrial plant where it would be impractical or impossible to install a larger lift or hoist. The G & G Hoist thus provides a most direct connecting link between departments—speeds up production and *saves an endless amount of trucking labor*.



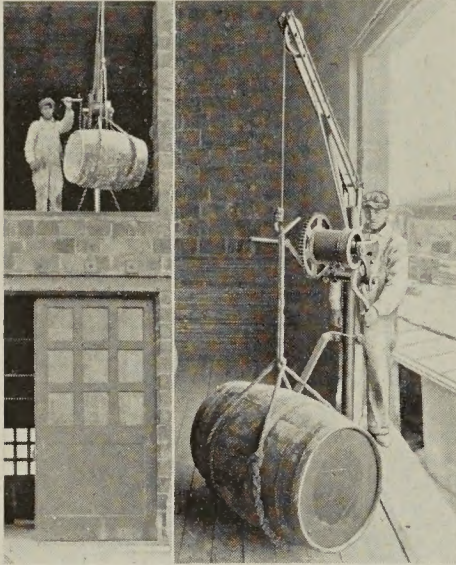
Showing operation of G & G Door Opening and Closing Device—in this case adapted to a Model A Hoist but which can be used with ALL MODELS of G & G Hoists. Device operates automatically when Telescoping Handle is revolved. Checkered Steel or Vault Light Doors open and lock and close and lock as Hoisting Head is raised or lowered. Spring Guard Gates—WHICH SWING OUTWARD ONLY—automatically close up opening at grade level between the opened doors.







## Where the Need Exists



THERE are hundreds of situations in industrial circles where the installation of G & G Hoists will reduce the number of men employed in raising and lowering of loads—and in saving days of labor in the aggregate—by speeding up the handling of materials by direct motion transfer.

The G & G Hoist is especially valuable in the quick and economical raising and lowering of Ashes, Bags, Bales, Barrels, Baskets, Boxes, Cans, Carboys, Ice, parts of finished and unfinished Machinery, Rubbish, Tires, Trays, etc., and other loads within its scope.

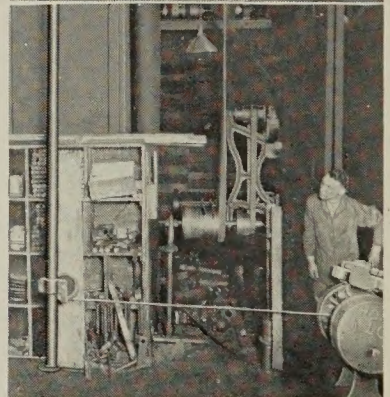
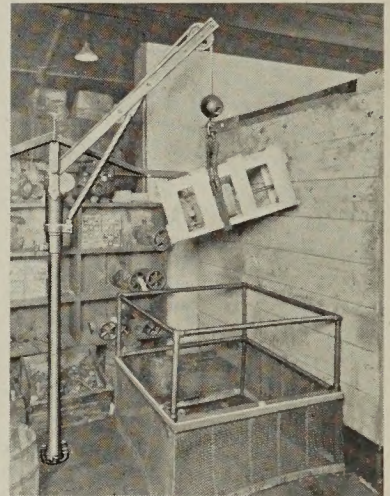
*Model B, manually operated non-telescopic Hoist at the Riches - Piver Co. chemical manufacturing plant at Lyons Farms.*

The range of usefulness of a G & G Hoist in industrial plants is almost unlimited. There is a definite need for a G & G Hoist wherever quick, safe, dependable and economical raising and lowering of lighter loads is necessary or desirable—and, therefore, it may be said that a G & G Hoist is needed in every modern industrial plant.

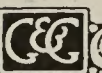
G & G Hoists can be easily installed in old or new buildings on any floor or in boiler room where there is an opening preferably 4 ft. square.

Complete G & G equipment includes G & G doors (checked steel or vault light); G & G patent spring guard gates; automatic door opening and closing device; electric warning gong; operator's ladder; G & G patent swing bail cans and can truck, which should be installed as a unit for efficient operation. Doors open and lock, close and lock automatically by operation of telescoping handle.

Workmen are protected from open hoistway by our doors and gates and electric gong warns of the operation of the doors when being opened or closed.



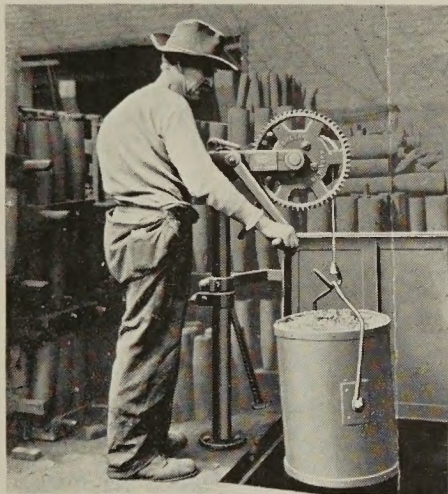
*Showing top and lower half of a Model D, electrically operated, non-telescopic Hoist in use in a machine shop.*







## And Its Performance Record



One of the four Model A, manually operated, non-telescopic Hoists in use at the Packard Motor Car plant, Detroit, Mich.

**G** & G HOISTS are saving time and money in many types of industrial and commercial buildings—and in many different ways—*everywhere*.

The Packard Motor Car plant installed two G & G Hoists the latter part of 1918 for use in connection with their core ovens. Since that time two additional hoists have been ordered—*without solicitation*.

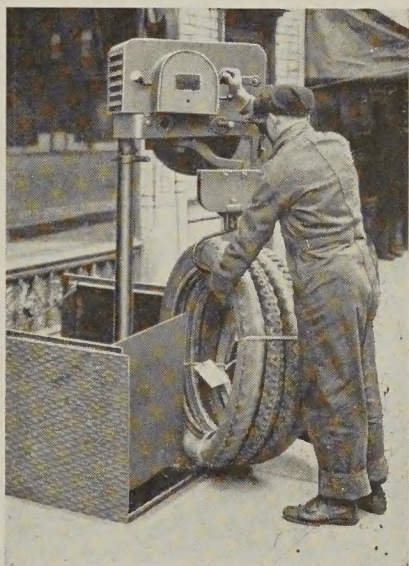
The Kelly-Springfield Tire Co. uses a G & G Hoist for the direct transfer of tires to and from their New York City storage. The Norwalk Tire & Rubber Co. uses a G & G Hoist for transferring pans of rubber between floors.

C & G Hoists are daily proving their efficiency at manufacturing plants and service stations of the Willys-Overland Co.; Ford Motor Co.; Canton Motor Co.; Lang Motor Truck Co. and other automotive companies.

The Riches-Piver Co.—manufacturing chemists—use a G & G Hoist at their Lyons Farms, New Jersey, plant for raising and lowering barrels, boxes, carboys, etc.

S. Kann's Sons—one of Washington City's leading department stores—use a G & G Hoist for the quick and quiet removal of ashes and rubbish and raising and lowering light loads.

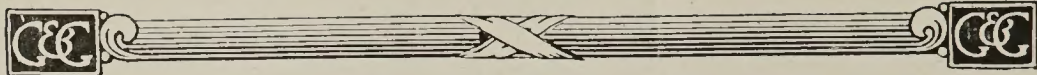
Scores of railroads—including the Chicago, Milwaukee & St. Paul; Pennsylvania Lines (East and West); Canadian Pacific; Union Pacific; Rock Island Lines; Southern Railway; New York Central Lines; Central R.R. of New Jersey; Chicago & Northwestern; Chicago, Burlington & Quincy; Alabama Great Southern; Canadian Northern; Illinois Central and many others—are saving money and time in their lowering and lifting jobs at many types of buildings through the use of G & G Hoists.



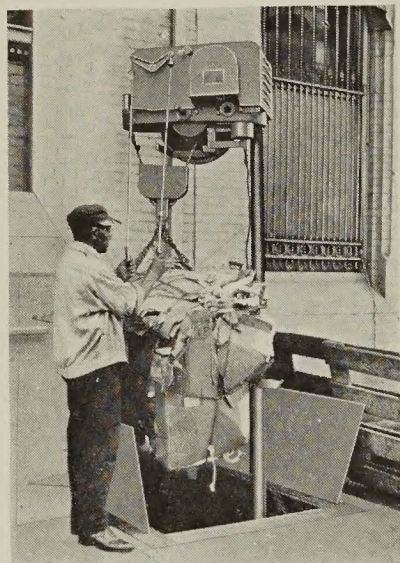
A Model E, electrically operated, telescopic Hoist in use at the Kelly-Springfield Tire Co. tire storage, New York City. That part of Hoist shown telescopes below grade when not in use.







## Other Models Too



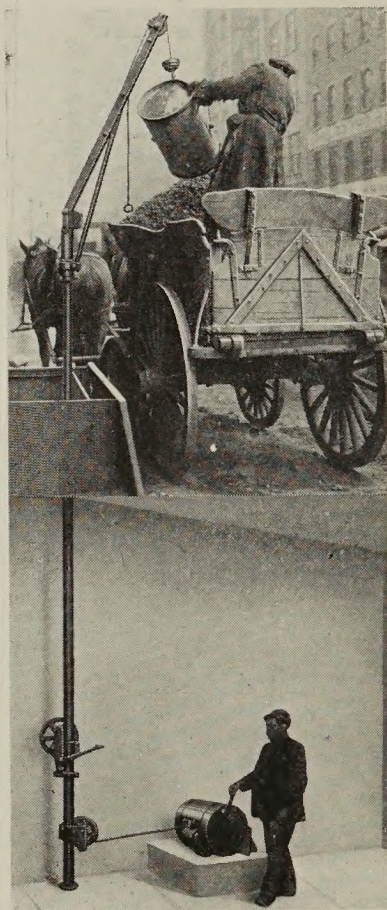
IN ADDITION to the Model E, electrically operated, G & G Hoist described on page 2 (also illustrated on this page) there are four other standard models.

The Model D, Telescopic Hoist, with Overhead Crane (illustrated on this page) operates electrically. Upper part of Hoist *telescopes* below grade when not in use.

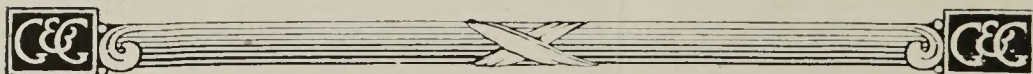
*Model E, electrically operated Hoist, in use at S. Kann's Sons department store, Washington, D. C. Hoist telescopes below grade when not in use.*

The Model D Hoist raises a load of 300 lbs. at a speed of 60 ft. per minute and is designed for use where it is desired to raise loads 6 or 7 ft. above grade and as much as 3 ft. away from hoistway.

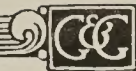
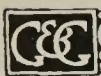
The Model B, Telescopic Hoist, with Overhead Crane (illustrated on page 7) operates manually. The upper part of Hoist *telescopes* below grade when not in use. Built to raise loads of 300 lbs. at a speed of 30 ft. per minute but its capacity can be increased—by guy rods running from top of Hoist to building wall—to 500 lbs. Both the telescoping and the hoisting handle act upon compound gears and the pressure exerted upon the hoisting handle in raising the load is only 7 lbs. for each 100 lbs. of weight. Hoisting handle does not revolve when brake is used to lower load. This not only makes it possible to lower rapidly but protects operator from possible injury.



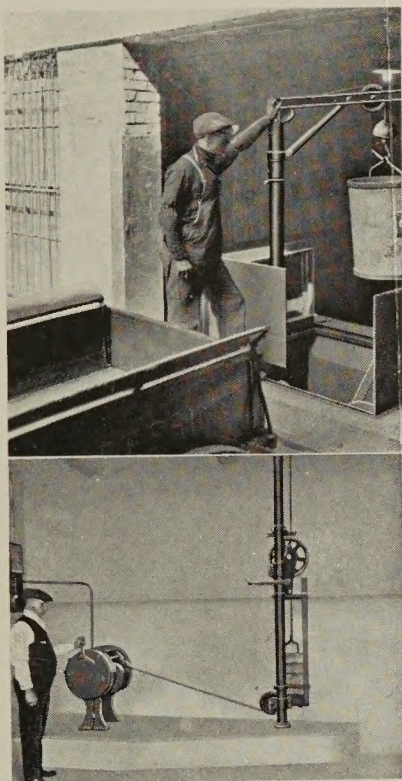
*Model D, electrically operated, telescopic Hoist in use at the Conlex Tinfoil Co., New York City. Upper part of Hoist telescopes below grade when not in use.*







## Other Models Too (Cont.)



Model C, electrically operated, telescopic Hoist in use at the 53rd Street Freight Station, Illinois Central R.R., Chicago. Upper part of Hoist telescopes below grade when not in use.

The steel cable used on G & G Hoists is "non-rotating" which eliminates the twisting and additional stress common to the ordinary type of cable. Cable drum is grooved and gears are machine cut throughout.

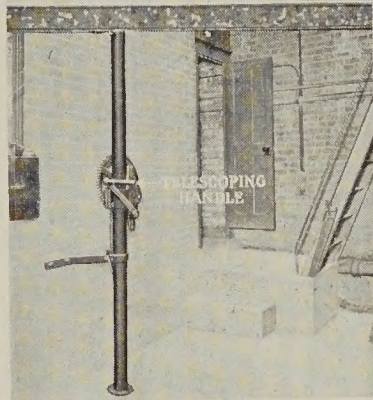
All manually operated Hoists are equipped with a patented "silencer" which makes them practically noiseless in operation. Lubrication is effected by a simple but efficient method.

Every G & G Hoist is given a thorough working test before shipment—Hoist being assembled and set up in the same manner that it will be set up in the building for which it is intended.

G & G Hoists can be used in extremely cold weather as no parts are susceptible to freezing.

The Model C, Telescopic Hoist (illustrated on this page) operates electrically. This model is identical with Model D—except that it raises loads to grade level only.

The Model A Telescopic Hoist (illustrated on page 3) operates manually. This model is so designed that it is practical for one man to perform the entire operation of raising and lowering loads when a G & G Swing Bail Can is used. The Model A Hoist will raise a load of 500 lbs. at a speed of 30 ft. per minute, requiring a pressure of only 7 lbs. for each 100 lbs. of weight. Hoisting head—mounted on ball bearings—swings clear of hoist-way, allowing operator to deposit load on grade without lifting. As in the case of Model B, the hoisting handle of Model A does not revolve when brake is used to lower loads.



Model B, manually operated telescopic Hoist in use at the W. W. Astor Building, New York City. This is a "one man" Hoist. See illustration on page 3.





*The*  
**G & G**  
PATENTED  
**Telescopic Hoist**  
*with Automatic Gear Shifting Brake  
Device and Silencer*

## **THE WAY TO ORDER**

**WE** MAINTAIN a corps of engineers experienced in all phases of operating conditions of G & G Hoists, conveying attachments and allied devices. The services of these engineers are freely yours to the end that you may be furnished a model that will meet particular conditions at your plant.

When writing, please tell us:

1. *For what purpose you would like to use a G & G Hoist?*
2. *Maximum weight of load?*
3. *Distance of Lift?*
4. *Non-telescopic model to rest on upper floor near opening or telescopic model to rest on lower floor?*
5. *Shall opening be protected by safety devices (checkered steel, or illuminated top sidewalk doors, with spring guard gates, automatic door opening and closing device and warning gong) and shall iron ladder be furnished?*
6. *A sketch of conditions, however rough, will help.*

The G & G Hoist is so compact that it can be shipped practically complete, and not "knocked down." This makes it very easy to erect. Clamps and bolts are furnished with each Hoist, together with blue prints showing erection in detail.

*The G & G Telescopic Hoist was investigated and approved  
March 24, 1915, and June 10, 1920, by Investigating Com-  
mittee of Architects and Engineers.*

**GILLIS & GEOGHEGAN**  
**537 West Broadway, New York**  
*Established in 1866* *Agents Principal Cities*

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*Represented By*

**FRANK R. PECK**

308 East 4th St.      Los Angeles, Cal.